ABSTRACT OF THE DISCLOSURE

A multibeam light source for use in information recording, including a semiconductor laser array provided with a plurality of light emitting points in a single package, in which the plurality of light emitting points are positioned in linear relationship to one another and have an equidistant pitch so as to respectively emit laser beams to be simultaneously scanned over a recording substrate. The position of the semiconductor laser array is adjustable so as to satisfy the relation $\theta \leq \tan^{-1}\{1/(n-1)\}$, where the angle θ is defined by two straight lines, the one drawn perpendicular to the primary scanning direction on an image recording substrate and the other drawn through respective centers of the first and n-th laser beam spots formed on the image recording substrate by projecting laser beams emitted respectively from the plurality of light emitting points. As a result, increases in the speed and the density of the information recording are achieved through the formation of suitable laser beam diameters on the recording substrates. Also, excellent recorded images are achieved without visually recognized phase differences between laser beam spots.

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